



DEFENSE LOGISTICS AGENCY
LAND AND MARITIME
POST OFFICE BOX 3990
COLUMBUS, OH 43218-3990

August 29, 2011

Mr. Holger Hellwig
Vice President of Quality Assurance
Semicoa Corporation
333 McCormick Avenue
Costa Mesa, CA 92626

Dear Mr. Hellwig:

Re: VQ(VQE-11-023131); Group D Test Data Approval, MIL-PRF-19500P, FSC
5961, CAGE 34156

Qualification of your product is granted based on successful radiation testing of device type JANSF2N3866A to Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961 and performance specification sheet /398K. Qualification is extended to the device types listed below as allowed by paragraph E.4.2.2 of MIL-PRF-19500. Therefore, your products will be listed as shown below in the Qualified Manufacturers List (QML) 19500. The effective date of this qualification is August 29, 2011.

The qualification lot Thermal Impedance conditions and upper limits are as follows (subject to change after 5 lots):

V_{CE}	I_H	t_H	t_{MD}	$Z_{\theta JX}$ (Screening)	$Z_{\theta JX}$ (QCI)
10 V	200 mA	30 ms	100 μ s max	30°C/W max	31°C/W max

Government Designation	ESD Class	Manufacturer Designation	Test Report Reference	Prf. Spec	Manufacturer Name & Address
§F 2N3866	3A	CEJJ	19500-008-01	/398	same as above
§F 2N3866A					
§F 2N3866AUB					
§F 2N3866UB					

Plant (1): same as above

§ Includes JANS quality level only

This qualification approval is based upon the test report number listed above and your Group D radiation test data submission of July 19, 2011. Test report number 19500-3331-11 has been assigned to this data, but will not be reflected in the QML. This qualification is subject to the conditions as stated in the SD-6 and DOD 4120.24M.

Because we are held responsible for the accuracy and currency of this Qualified Manufacturers List, please let us know if your company discontinues production of these products.

Also, manufacturers are required to inform this office immediately after learning of a potential issuance of a GIDEP alert, problem advisory, or other problem notification on their QML product.

If you have any questions concerning this letter, please contact Mr. Brad Deslich (614) 692-0593.

Sincerely,

/SIGNED/

JOSEPH GEMPERLINE

Chief

Sourcing and Qualifications Division